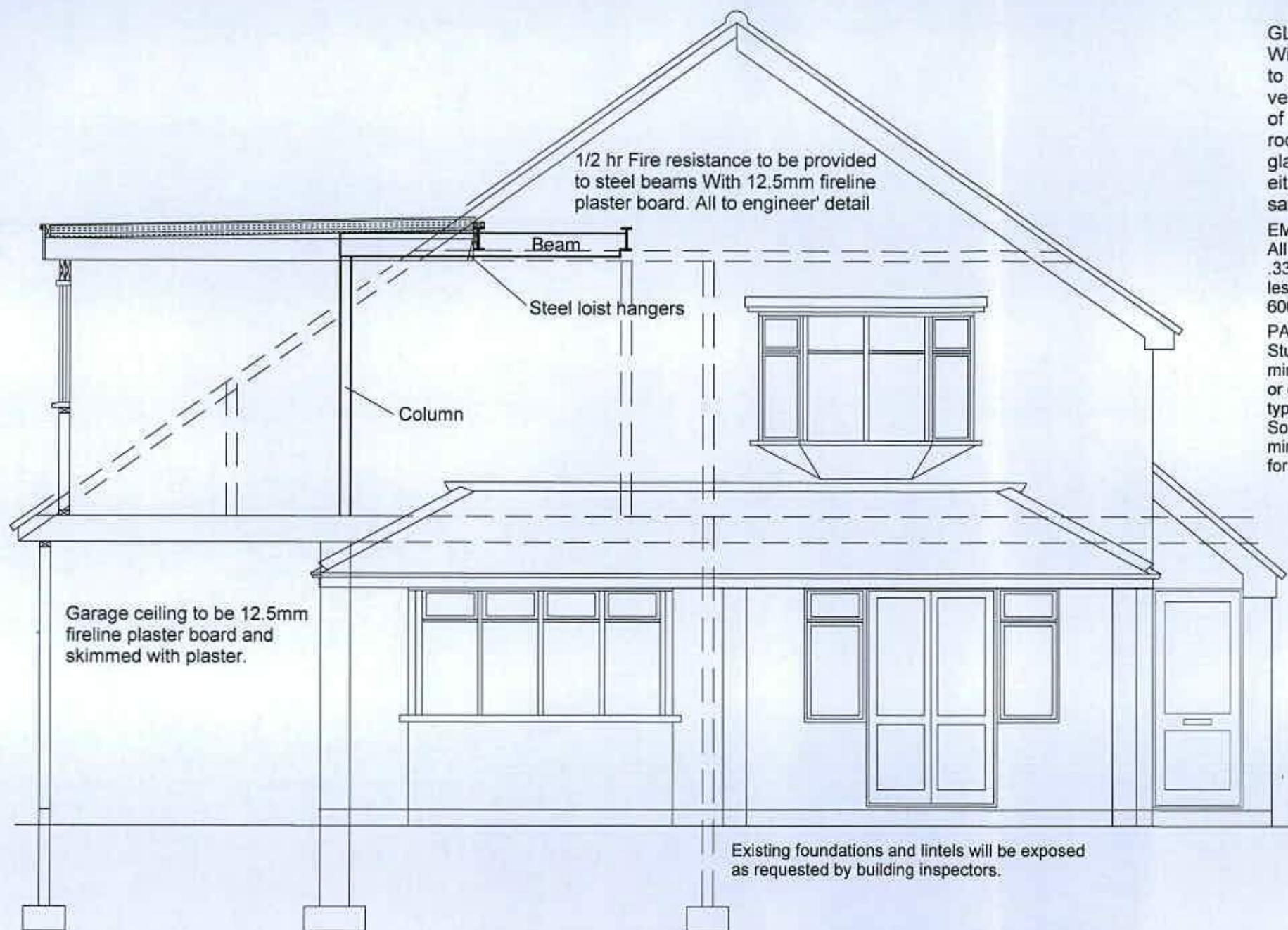




SECTION A - A

STUD WALLS

External and internal stud walls to be in 50 x 100mm C16 timber

External walls of dormer to be till hung to match existing.

FLAT ROOF A1/A2/B4 and TRADA technology.

Flat roof covering 3 layers of mineral felt with 12.5 depth bitumen bedded stone chippings Building Regulation Part B Table 5 Part iii: or fibreglass by specialist supplier (fibreglass specialist to provide fire rating specification) on 19mm marine ply on 125mm TD4125 Celotex Minimum U - Value 0.19 W/m2k, on sloped firings not less than 1 in 80 on 200 x 50mm joist C16 table 36 @ 400 c/c on 50 x 100mm wall plates, hold down straps every 2m run. Steel joist/wall connectors to support joist to existing house wall.

Triple rafters both sides of dormer. 2 No 100 x 50mm timber posts to corners of dormer. Constructed in 100 x 50mm C16 timber rafters, ceiling joist and stud work cheeks.

FLASHING Building Regulation C4.
To be code 4 lead.

New window opening sash ventilation to be not less than 1/20th of room floor area.

PLASTERING

Ceilings to be boarded with 12mm plasterboard and skimmed with plaster. Internal walls to be dry- lined with 12mm plasterboard. External walls to be plastered to match existing.

GLAZING Building Regulations F1 Table 11.1 Ventilation, N1 Glazing.
Windows and doors to be double glazed with 16 mm separation low emissive glass to give Windows 1.6 W/m2K, Doors 1.8 W/m2K U-Value. New windows opening sash ventilation not less than 1/20 of room floor area, doors and rooflights not more 25% of total floor area. Fitted with a minimum 8000mm2 trickle ventilator to habitable rooms, all other rooms 4000mm2. All new external doors and joining windows to be glazed in safety glass in an area 1500mm high from bottom of glass and extend 300mm either side of door frame opening. All internal glass doors and screens to be in safety glass. All to BS6206 and supplied by FENSA approved installer.

EMERGENCY ESCAPE WINDOWS Building Regulation B1/2.11.

All habitable rooms to incorporate opening sash for means of escape not less than .33 m2, width of opening not less than 450mm, window height from floor to cill not less than 800mm not more than 1100mm. except roof windows (bottom of opening 600mm above floor).

PASSAGE OF SOUND Building Regulation E Resistance to passage of sound.

Stud partition walls to include sound insulation to regulation E2 with 75mm minimum distance between 12mm plaster board linings. 25mm wool batts or quilt, minimum density 10 kg/m, suspended in cavity. Solid block walls type C minimum mass per unit area, excluding finish, 120 kg/m2
Sound insulation to first floor to be mineral wool a minimum 100mm thick, minimum density 10kg /m3 laid between joist. Provide test certificate for Local Authority.

PLUMBER Hot water and central heating Building Regulations G3/J and L.
Including Parts L1A and L1B April 2006.

The hot water and central heating system will be extended to include the new extension to comply with approved documents J & L, by a competent plumbing and heating engineer. All gas installations will be installed by a qualified Gas Safe engineer. Central Heating and Hot and Cold water in copper to BS864.

Boiler replacement is to be Condensing type sufficient to provide heating and hot water to the whole of the property. Provide boiler commissioning Certificate on completion.

RAIN WATER Building Regulation H3 Table 2 100mm Gutter, 75mm down pipes discharging into 100mm Osma drains into soakaways 5m from buildings, large area of roof must be proportional to the size of soakaway.

All underground drains to be Osma below ground type surrounded with pea shingle.

All traps from sinks, baths and basins are to be deep seal 76 mm, showers 50 mm seal shower traps. Bath, shower and sink waste pipe to be 40 mm dia. basin waste to be 32 mm dia. access plugs where necessary, 110 mm pipe soil and vent pipe. Building Regulation H1

ELECTRICITY. Building Regulation Part P (Electrical Safety)

To comply BS 7671 (I.E.E. Wiring Regulations 17th Edition). Fit mechanical extractor to Bathrooms, Kitchens and Utility rooms to vent: 30 litre /sec. adjacent to hob and 60 litres/sec. elsewhere in kitchens. 30 litres/sec. utility rooms, 15 litres/sec. for bathrooms/toilets. All switches and sockets to be positioned between 450mm and 1200mm above floor level. Certificate to comply with BS7671 to be issued after completion of the work.

Smoke alarms, mains operated and interconnected, to be fitted to ground and first floor, located not more than 3m from any bedroom and not more than 7.5m from any other room. Heat detector fitted in kitchen. Building Regulation B1.

Do not scale from drawings
(excepting Local Authorities)
All dimensions to be checked on site

All work to comply with Building Regulations, British Standards, manufacturer's instructions /specifications and engineer's calculations at all times. Construction must also comply with all safety at work regulations. Additional work may be requested by the building inspector as work proceeds to ensure the new building complies with all building regulations.

No	Change	Date	Int

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Bognor Regis
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Drawing 4 / 4

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